



**UNITED STATES DEPARTMENT OF COMMERCE
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PS

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/832,640	04/04/97	KIMURA	JA9-96-016

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EXAMINER

BIEN, H

ART UNIT	PAPER NUMBER
2774	4

DATE MAILED: 12/23/98

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
08/832,640

Applicant(s)
Kimura et al.

Examiner
Hoa Bien

Group Art Unit
2774



☐ Responsive to communication(s) filed on _____.

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-6 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-6 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☒ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☒ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 3

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 through 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kennedy in view of Kanie et al.

Kennedy discloses a color calibration for LCD panel including : a cell display, driver means (refer at blocks 36 and 38 in Fig.2), and data control means (refer at block 30 in Fig.2 ,lines 3 through 8 at column 3, lines 43 through 48 at column 5) as recited in claims 1 and 5, except the buffer means for delaying of at least one of the three primary colors. Kanie et al teaches the buffer means as claimed. Note Kanie et al Fig.2 and Fig.4, lines 31 through 44 at column 5 wherein R data is delayed from DATUM 1 to DATUM and G data is delayed from DATUM 2 to DATUM 4 . Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use the buffer means taught by Kanie et al in the

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logic array block 30 of Kennedy's system because this would eliminate any phase shifts in the color signal transmission as taught by Kanie et al. (refer at column 1, lines 24-42).

As to claims 2-4 and 6 Kennedy teaches adjusting means, voltage correction in Fig. 2 block 30 and Kanie et al teaches simultaneous output in Fig. 2 and Fig. 4.

Conclusion

2. Kennedy, Kanie et al., Wozniak, Tsong et al., Takashi et al., Mano et al., Stewart et al., Ishii et al., Taylor and Takahashi et al. are made of record as teaching related display systems with color corrections.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoa Bien whose telephone number is (703) 308-6988. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (703) 305-4709. The fax phone number for this Art Unit is (703) 308-6606. Please note, any faxed paper clearly stating DRAFT or PROPOSED AMENDMENT at the top will be forwarded directly to the examiner. All others will be treated as a formal response and acted upon accordingly.

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H.Bien

December 21, 1998



RICHARD A. HJERPE
SUPERVISORY PATENT EXAMINER
GROUP 2700